

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2003B133

SERIAL NO.

Not Yet Assigned

APPLICANT

Shaffer et al.

FILING DATE

June 14, 2005

GROUP

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FT	AA	2,474,571	06/28/49	Brakeley et al.	260	85.3	
FT	AB	2,494,585	01/17/50	Saylor, Jr.	260	85.3	
FT	AC	2,534,698	12/19/50	Calfee et al.	260	85.3	
FT	AD	2,548,415	04/10/51	Welch et al.	260	85.3	
FT	AE	2,603,626	07/15/52	Kolfenbach et al.	260	85.3	
FT	AF	2,607,764	08/19/52	Nelson et al.	260	85.3	
FT	AG	2,644,809	07/07/53	Saylor Jr.	260	85.3	
FT	AH	3,269,972	08/30/66	Banks et al.	260	32.2	
FT	AI	3,331,822	07/18/67	Kometani et al.	260	87.5	
FT	AJ	3,397,166	08/13/68	Schmidle et al.	260	33.6	
FT	AK	3,440,219	02/05/65	Wolff et al.	260	63	
FT	AL	3,470,143	09/30/69	Schrage et al.	260	82.5	
FT	AM	3,493,530	02/03/70	Sianesi et al.	260	33.2	
FT	AN	3,528,954	09/15/70	Carlson	260	87.5	
FT	AO	3,590,025	06/29/71	Tittle	260	92.1	
FT	AP	3,616,371	10/26/71	Ukihashi et al.	204	159.22	
FT	AQ	3,642,742	02/15/72	Carlson	260	87.5 A	
FT	AR	3,787,379	01/22/74	Ferren et al.	260	87.5 A	
FT	AS	3,919,183	11/11/75	Jager et al.	260	86.1 R	
FT	AT	3,996,281	12/07/76	Huber-Emden et al.	260	561 N	
FT	AU	4,042,634	08/16/77	Cope et al.	210	616	
FT	AV	4,100,225	07/11/78	Mueller	260	878 R	
FT	AW	4,107,417	08/15/78	Priola et al.	526	117	

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FT	BA	4,123,602	10/31/78	Ukihashi et al.	526	206	
FT	BB	4,166,165	08/28/79	Hisasue et al.	526	87	
FT	BC	4,194,073	03/18/80	McDaniel	526	98	
FT	BD	4,248,988	02/03/81	Halasa	526	141	
FT	BE	4,255,546	03/10/81	Süling et al.	526	206	
FT	BF	4,338,237	07/06/82	Sulzbach et al.	524	777	
FT	BG	4,381,387	04/26/83	Sulzbach	526	247	
FT	BH	4,424,324	01/03/84	Throckmorton et al.	526	220	
FT	BI	4,435,553	03/06/84	Throckmorton et al.	526	201	
FT	BJ	4,452,960	06/05/84	Throckmorton	526	201	
FT	BK	4,499,249	02/12/85	Nakagawa et al.	526	206	
FT	BL	4,501,865	02/26/85	König et al.	526	71	
FT	BM	4,508,881	04/02/85	Throckmorton	526	201	
FT	BN	4,535,136	08/13/85	Wheland	526	214	
FT	BO	4,588,796	05/13/86	Wheland	526	214	
FT	BP	4,626,608	12/02/86	Scherer, Jr. et al.	570	134	
FT	BQ	4,714,747	12/22/87	Bruzzzone et al.	526	64	
FT	BR	4,736,004	04/05/88	Scherer, Jr. et al.	526	206	
FT	BS	4,900,777	02/13/90	Ball et al.	524	819	
FT	BT	4,946,936	08/07/90	Moggi et al.	528	392	
FT	BU	4,948,844	08/14/90	Nakahara et al.	525	356	
FT	BV	4,950,724	08/21/90	Malanga et al.	526	144	
FT	BW	5,032,656	07/16/91	Mares et al.	526	255	
FT	BX	5,105,047	04/14/92	Waller	585	515	
FT	BY	5,135,998	08/04/92	Mares et al.	526	206	

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FT	CA	5,162,445	11/10/92	Powers et al.	525	333.4	
FT	CB	5,182,342	01/26/93	Feiring et al.	526	206	
FT	CC	5,281,680	01/25/94	Grot	526	243	
FT	CD	5,310,870	05/10/94	Peavy	528	392	
FT	CE	5,417,930	05/23/95	McDonald, Jr. et al.	422	131	
FT	CF	5,448,001	09/05/95	Baird	526	134	
FT	CG	5,459,212	10/17/95	Krespan et al.	526	89	
FT	CH	5,478,905	12/26/95	Anolick et al.	526	254	
FT	CI	5,494,984	02/27/96	Funaki et al.	526	206	
FT	CJ	5,527,870	06/18/96	Maeda et al.	526	348.7	
FT	CK	5,552,500	09/03/96	Peavy	526	206	
FT	CL	5,608,002	03/04/97	Kubo et al.	524	795	
FT	CM	5,618,894	04/08/97	DeSimone et al.	526	89	
FT	CN	5,624,878	04/29/97	Devore et al.	502	152	
FT	CO	5,637,663	06/10/97	Anolick et al.	526	254	
FT	CP	5,650,483	07/22/97	Malik et al.	528	402	
FT	CQ	5,654,450	08/05/97	Malik et al.	549	511	
FT	CR	5,663,251	09/02/97	Kato et al.	526	206	
FT	CS	5,663,255	09/02/97	Anolick et al.	526	254	
FT	CT	5,665,838	09/09/97	Peavy	526	255	
FT	CU	5,668,250	09/16/97	Malik	528	402	
FT	CV	5,668,251	09/16/97	Malik et al.	528	402	
FT	CW	5,674,957	10/07/97	DeSimone et al.	526	89	
FT	CX	5,688,838	11/18/97	Abusleme et al.	522	33	
FT	CY	5,703,194	12/30/97	Malik et al.	528	70	

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FT	DA	5,728,783	03/17/98	Falchi et al.	526	124.2	
FT	DB	5,780,565	07/14/98	Clough et al.	526	206	
FT	DC	5,789,504	08/04/98	Ihara et al.	526	206	
FT	DD	5,807,977	09/15/98	Malik et al.	528	402	
FT	DE	5,821,311	10/13/98	Mosbach et al.	526	201	
FT	DF	5,872,198	02/16/99	Mosbach et al.	526	221	
FT	DG	5,939,501	08/17/99	DeSimone et al.	526	89	
FT	DH	5,939,502	08/17/99	DeSimone et al.	526	89	
FT	DI	5,959,050	09/28/99	Mosbach et al.	526	201	
FT	DJ	5,981,673	11/09/99	DeSimone et al.	526	89	
FT	DK	5,990,251	11/23/99	Gelus	526	125.7	
FT	DL	6,037,483	03/14/00	Malik et al.	549	511	
FT	DM	6,107,423	08/22/00	Wheland et al.	526	249	
FT	DN	6,111,062	08/29/00	Shirota et al.	528	402	
FT	DO	6,133,389	10/17/00	Anolick et al.	526	206	
FT	DP	6,225,367	05/01/01	Chaouk et al.	521	149	
FT	DQ	6,228,963	05/08/01	Wheland et al.	526	247	
FT	DR	6,303,715	10/16/01	Kim et al.	526	128	
FT	DS	6,306,989	10/23/01	Bloom et al.	526	200	
FT	DT	6,335,408	01/01/02	Russo et al.	526	253	
FT	DU	6,337,373	01/08/02	Formaro et al.	525	193	
FT	DV	6,346,587	02/12/02	Krüger et al.	526	206	
FT	DW	6,372,838	04/16/02	Rao et al.	524	462	
FT	DX	6,380,351	04/30/02	Malik et al.	528	402	
FT	DY	6,399,729	06/04/02	Farnham et al.	526	255	

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FT	EA	6,403,539	06/11/02	Marchionni et al.	508	406	
FT	EB	6,417,314	07/09/02	Malik et al.	528	60	
FT	EC	6,423,798	07/23/02	Wheland et al.	526	206	
FT	ED	6,444,768	09/03/02	Webb et al.	526	237	
FT	EE	6,448,368	09/10/02	Malik et al.	528	402	
FT	EF	6,455,650	09/24/02	Lipian et al.	526	171	
FT	EG	6,469,116	10/22/02	Maccone et al.	526	247	
FT	EH	6,469,185	10/22/02	Russo et al.	549	455	
FT	EI	6,486,280	11/26/02	Anolick et al.	526	243	
FT	EJ	2001/0012880	08/09/01	Wheland et al.	526	249	
FT	EK	2001/0018144	08/30/01	Watakabe et al.	429	33	
FT	EL	2002/0002219	01/03/02	Bloom et al.	524	11	
FT	EM	2002/0028884	03/07/02	Formaro et al.	525	193	
FT	EN	2002/0032291	03/14/02	Farnham et al.	526	227	
FT	EO	2002/0052454	05/02/02	Lipian et al.	526	171	
FT	EP	2002/0055580	05/09/02	Lorah et al.	524	445	
FT	EQ	2002/0055581	05/09/02	Lorah et al.	524	445	
FT	ER	2002/0055599	05/09/02	Slone	526	286	
FT	ES	2002/0065383	05/30/02	Maccone et al.	526	247	
FT	ET	2002/0086908	07/04/02	Chou et al.	516	98	
FT	EU	2002/0132910	09/19/02	Rao et al.	524	544	
FT	EV	2002/0151664	10/17/02	Farnham et al.	526	247	
FT	EW	2002/0183457	12/05/02	Hintzer et al.	525	326.2	
FT	EX	2002/0183471	12/05/02	Russo et al.	526	247	
FT	EY	2003/0023013	01/30/03	Lipian et al.	526	171	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
FT	FA	DE10061727	06/13/02	Germany	C08F	10/10		✓
FT	FB	EP0076511	04/13/83	Europe	C08F	14/06		✓
FT	FC	EP0271243	06/15/88	Europe	C08F	214/26		
FT	FD	RU 2097122 C1	11/27/97	Russia	B01J	19/18		✓
FT	FE	RU 2209213 C1	07/27/03	Russia	C08F	210/12		✓
FT	FF	SU 1627243 A1	02/15/91		B01J	19/18		✓
FT	FG	WO93/21241	10/28/93	PCT	C08F	210/12		
FT	FH	WO94/17109	08/04/94	PCT	C08F	14/18		✓
FT	FI	WO96/24625	08/15/96	PCT	C08F	214/26		
FT	FJ	WO99/50209	10/07/99	PCT	C07C	23/08		✓
FT	FK	WO00/04061	01/27/00	PCT	C08F	10/10		
FT	FL	WO00/47641	08/17/00	PCT	C08F	14/18		✓
FT	FM	WO00/53682	09/14/00	PCT	C09D	4/00		
FT	FN	WO01/49757	07/12/01	PCT	C08F	214/44		✓
FT	FO	WO01/49758	07/12/01	PCT	C08F	214/22		✓
FT	FP	WO01/49760	07/12/01	PCT	C08F	214/28		✓
FT	FQ	WO02/051875	07/04/02	PCT	C08F	2/06		✓
FT	FR	WO02/096964	12/05/02	PCT	C08F	10/10		✓
FT	FS	WO02/34794	05/02/02	PCT	C08F	2/00		
FT	FT	WO2004058825	07/15/04	PCT (2004B133D)	C08F			
FT	FU	WO2004058827	07/15/04	PCT (2004B133A)	C08F	2/06		
FT	FV	WO2004058828	07/15/04	PCT (2004B133)	C08F	4/12		

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FT	GA	WO2004058829	07/15/04	PCT (2004B133F)	C08F	4/44		
FT	GB	WO2004058835	07/15/04	PCT (2004B133B)	C08F	236/02		
FT	GC	WO2004058836	07/15/04	PCT (2004B133C)	C08F	236/02		
FT	GD	WO2004067577	07/15/04	PCT (2004B133E)	C08F			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
FT	GE	USSN: 11/010,092, filed December 10, 2004, entitled "Polymers with New Sequence Distributions" (2003B133C/2)						
FT	GF	USSN: 11/009,660, filed December 10, 2004, entitled "Halogenated Polymers with New Sequence Distributions" (2003B133C/3)						
FT	GG	Industrial and Engineering Chemistry, January, 1949, 41, pages 135-136, "Emulsion Polymerizations at Low Temperatures. Isobutylene and Isobutylene-Butadiene Mixtures", G. B. Bachman et al., Purdue University						
FT	GH	W. A. Thaler et al., entitled "High-Molecular-Weight, High-Unsaturation Copolymers of Isobutylene and Conjugated Dienes", 49(4) Rubber Chemistry & Technology, 960-966 (1976)						
FT	GI	Organic Chemistry, SIXTH EDITION, Morrison and Boyd, Prentice-Hall, entitled "Ionic Polymerization. Living Polymers", pages 1084-1085 (Englewood Cliffs, New Jersey 1992)						
FT	GJ	H. C. Wang et al., Elastomerics, entitled "Functionalized PMS/IB Copolymers Offer Wide Range of Properties", 1992, Atlanta, GA.						
FT	GK	Gyor et al., J. Macromol. Sci.-Pure Appl. Chem. A31(12), entitled "Polyisobutylene-Based Thermoplastic Elastomers. I. Synthesis and Characterization of Polystyrene-Polyisobutylene-Polystyrene Triblock Copolymers, pages 2055-2065, Massachusetts, 1994.						
FT	GL	I. Orszagh et al., J. Phys. Org. Chem., Vol. 8, entitled "Living Carbocationic Copolymerizations. I. Synthesis and Characterization of Isobutylene/p-Methystyrene Copolymers", Ohio, pages 258-272, 1995.						
FT	GM	Chemical Microstructure of Polymer Chains, J.L. Koenig, Wiley-Interscience, entitled "Determination of Structure-Property Relations in Polymers", New York, 1980, pages 1-8						
FT	GN	Polymer Sequence Determination: Carbon-13 NMR Method, entitled "A Survey of Carbon-13 NMR Studies of Vinyl Homopolymers and Copolymers" J.C. Randall, Academic Press, 1977, New York, pages 103-146						
FT	GO	Cationic Polymerization of Olefins: A Critical Inventory, J. P. Kennedy, Wiley-Interscience, New York, 1975 pages 10-13 "Cationic Polymerizations: Past, Present, and Future" and pages 86-137 "The Organization of Cationically Polymerizable Olefins".						
FT	GP	Carbocationic Polymerization, J.P. Kennedy, E. Marechal, Wiley-Interscience, New York, 1982, pages 318-319						
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	HA							
	HB							
	HC							
	HD							
	HE							
	HF							
	HG							
	HH							
	HI							
	HJ							
	HK							
	HL							
	HM							
	HN							
	HO							
	HP							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

FT	HQ	Abstract for DE10061727, June 13, 2002 entitled "Manufacture of Polyisobutenes with High Content of Unsaturated End Groups", 2 pages.
FT	HR	Abstract for EP76511, April 13, 1983, entitled "Aqueous Copolymer Dispersions and Their Use", 3 pages.
FT	HS	Derwent- Abstract for RU 2097122 C1, Dobrovinskii et al., November 27, 1997, 3 pages.
FT	HT	Abstract for RU2209213, July 27, 2003, entitled "Production of Butyl Rubber with Separation of Reaction Mixture in a Hydrocyclone and In-Process Recycling", Dobrovinskii et al., 2 pgs.
FT	HU	Derwent Abstract for SU 1627243 A, Khismatull et al., February 15, 1991.

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